

6AT8-A

Medium-Mu Triode— Sharp-Cutoff Pentode

9-PIN MINIATURE TYPE

With Heater Having Controlled Warm-Up Time

The 6AT8-A is the same as the 6X8 except for the following items:

Electrical:

Heater, for Unipotential Cathode:

Voltage (AC or DC)	6.3	volts
Current	0.45 ± 6%	amp
Warm-up time (Average)	11	sec

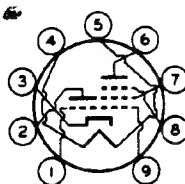
Direct Interelectrode Capacitances:

	Without External Shield	With External Shield [▲]	
Triode Unit:			
Grid to plate	1.5	1.5	μμf
Grid to cathode and heater.	2	2.4	μμf
Plate to cathode and heater.	0.5	1	μμf
Pentode Unit:			
Grid No.1 to plate.	0.06 max.	0.03 max.	μμf
Grid No.1 to cathode, grid No.3, grid No.2, and heater.	4.6	4.8	μμf
Plate to cathode, grid No.3, grid No.2, and heater.	0.9	1.6	μμf
Pentode grid No.1 to triode plate.	0.05 max.	0.04 max.	μμf
Pentode plate to triode plate	0.05 max.	0.008 max.	μμf
Heater to cathode	6	6 [●]	μμf

Mechanical:

Basing Designation for BOTTOM VIEW. 9DW

Pin 1—Triode Grid
Pin 2—Triode Plate
Pin 3—Cathode
Pin 4—Heater
Pin 5—Heater
Pin 6—Pentode Plate



Pin 7—Pentode
Grid No.2
Pin 8—Pentode
Grid No.3
Pin 9—Pentode
Grid No.1

- ▲ With external shield JEDEC No.315 connected to cathode except as noted.
● With external shield JEDEC No.315 connected to pentode plate.

← Indicates a change.



RADIO CORPORATION OF AMERICA
Electron Tube Division
Harrison, N. J.

DATA
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